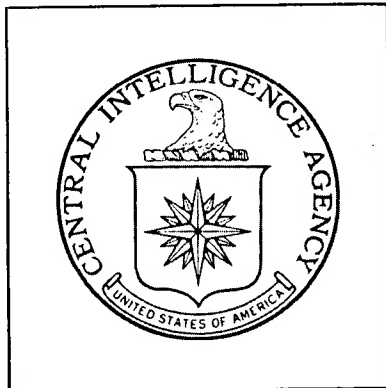


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**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Stupino Aluminum Rolling Mill 150

USSR



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DATE March 1973

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

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INSTALLATION OR ACTIVITY NAME			COUNTRY	
Stupino Aluminum Rolling Mill 150			UR	
UTM COORDINATES	GEOGRAPHIC COORDINATES		COMIREX NO.	NIETB NO.
NA	54-54-24N 038-04-07E		NA	005677
MAP REFERENCE				
2nd RTS. USATC, Series 200. Sheet M0167-10HL, 4th ed, Oct 70, Scale 1:200,000				
(SECRET/)				
LATEST IMAGERY USED			NEGATION DATE (If required)	
			NA	

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ABSTRACT

Stupino Aluminum Rolling Mill 150 reportedly produces aluminum and aluminum alloy strip, sheet, extrusions, and tubes, and also casts titanium slabs and billets for extrusion. Major facilities of the plant which could be identified from photography include two rolling mills, a finishing mill, a possible tube manufacturing and finishing mill, and a possible extrusion press and finishing mill.

The plant was first seen on satellite photography of May 1962. Minor additions were made by February 1966, but no major changes have been observed. The plant has probably been operating at least part-time since it was first seen on photography.

This report includes an annotated photograph of the plant and a discussion of construction and operational status.

Comments and queries on the contents of this publication are welcomed. They may be directed to _____ of the Imagery Analysis Service,

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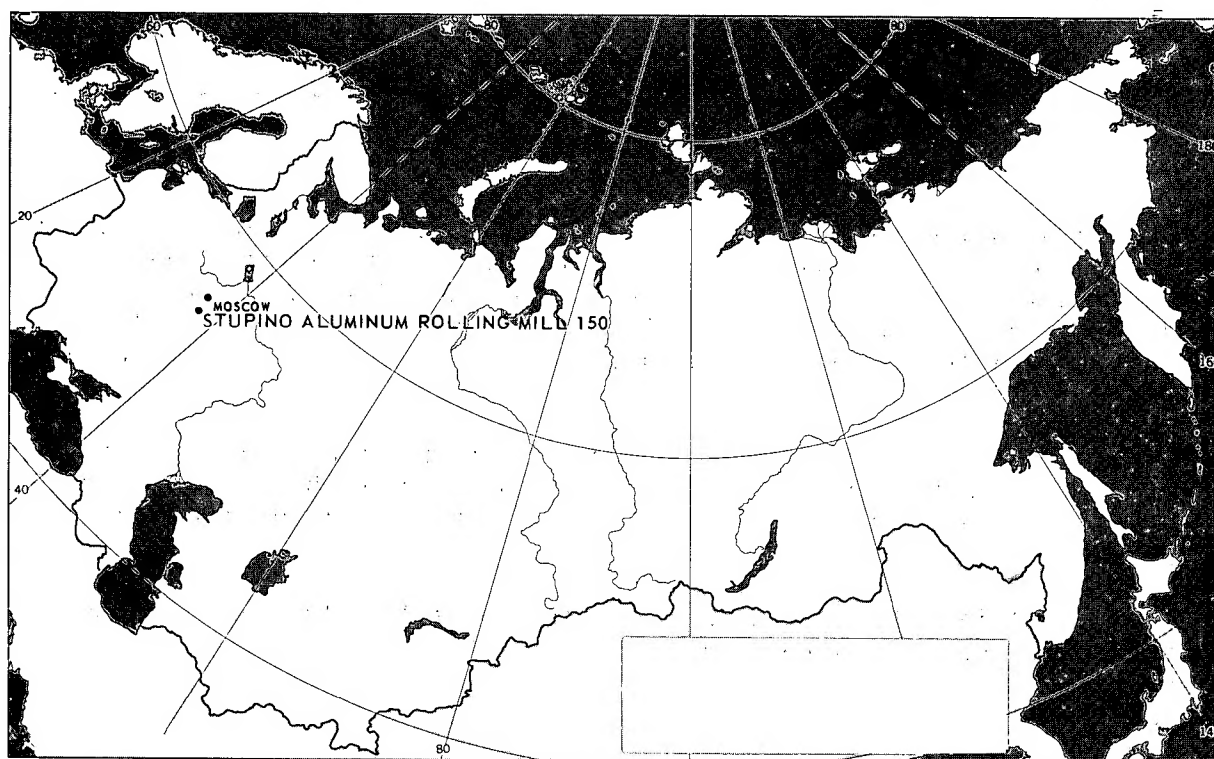


FIGURE 1. LOCATION MAP.

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INTRODUCTION

Stupino Aluminum Rolling Mill 150 is located in northwestern Stupino, about 4 nautical miles (nm) north of the Oka River and approximately 50 nm south-southeast of Moscow (see Figure 1). Electric power is supplied by Stupino Heat and Power Plant TETS 17 [REDACTED], which is adjacent to the rolling mill.

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BASIC DESCRIPTION

The plant occupies an irregularly shaped area that is approximately 5,830 by 3,130 feet, or about 320 acres (see Figure 2). It is secured by a wall.

The plant is served by a hard-surfaced, all-weather road and by rail spurs from the Moscow/Tula rail line.

Operational Functions

The major plant facilities identified on photography include two rolling mills, a finishing mill, a possible tube manufacturing and finishing mill, a possible extrusion press and finishing mill, a forge shop, a mold preparation facility, a foundry, two possible casting buildings, and a possible soaking and scalping building. Other plant facilities are a water cooling and treatment facility, two POL storage tanks, a transformer yard, an administration area, and numerous storage, support and unidentified buildings.

Facilities for casting, rolling, and forging aluminum are present at the plant, but no finished products could be identified from photography. Reportedly, the plant produces aluminum and aluminum alloy strip, sheet, extrusions, and tubes. It has also been reported that titanium ingots are cast into slabs and billets for solid extrusion. 1/ Stacks of material were observed at various locations throughout the plant area, but they could not be identified.

Construction and Operational Status

The major components of the plant were complete when the plant was first seen on satellite photography of May 1962. Two unidentified buildings (Items 2 and 18, Figure 2) and a small section of a possible casting building (Item 13) were added by February 1966. No other structural changes have been observed.

Smoke was observed coming from the stacks located between the two rolling mills in September 1965, February 1966, and October 1972, indicating that the rolling mills were operating. Smoke has also been observed coming from a stack at the south end of an unidentified building (Item 18) on all coverage since February 1966. The plant has appeared active since the first coverage of May 1962.

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REFERENCES

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Document

1. CIA/CRS. Plant Folder 7001171 Plant Summary (SECRET)

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Map

- 2nd RTS. US Air Target Chart, Series 200, Sheet M0167-10HL. 4th edition.
October 1970, Scale 1:200,000 (SECRET)

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Requirement

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Support Number

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